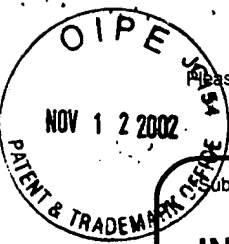


U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

[illegible][illegible]

EXAMINER	BINH TRAN	DATE CONSIDERED	01/05/03
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of

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### Complete if Known

Application Number	09/606,909
Filing Date	June 29, 2000
First Named Inventor	PETTIS <i>et al.</i>
Group Art Unit	3748
Examiner Name	Binh Q. TRAN
Attorney Docket Number	P-4901

#8

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA	2,619,962		Rosenthal	12/02/1952	
	AB	3,814,097		Ganderton <i>et al.</i>	06/04/1974	
	AC	3,964,482		Gerstel <i>et al.</i>	06/22/1976	
	AD	4,270,537		Romaine	06/02/1981	
	AE	4,592,753		Panoz	06/03/1986	
	AF	5,003,987		Grinwald	04/02/1991	
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	AQ	5,876,582		Frazier	03/02/1999	
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	AW	6,334,856	B1	Allen <i>et al.</i>	01/01/2002	
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### FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AY	CA	2 349 431		Canada	05/25/2000		
	AZ	EP	1 086 718	A1	Europe	03/28/2001		
	BA	EP	1 086 719	A1	Europe	03/28/2001		
	BB	EP	1 088 642	A1	Europe	04/04/2001		
	BC	EP	1 092 444	A1	Europe	04/18/2001		
	BD	WO	96/17648		PCT	06/13/1996		
	BE	WO	96/37155		PCT	11/28/1996		
	BF	WO	96/37256		PCT	11/28/1996		
	BG	WO	99/43350		PCT	09/02/1999		
	BH	WO	99/64580		PCT	12/16/1999		
	BI	WO	00/67647		PCT	11/16/2000		
	BJ	WO	00/74763	A2	PCT	12/14/2000		
	BK	WO	02/11669	A2	PCT	02/14/2002		

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 2 of 2

## **Complete if Known**

Application Number	09/606,909
Filing Date	June 29, 2000
First Named Inventor	PETTIS <i>et al.</i>
Group Art Unit	3748
Examiner Name	Binh Q. TRAN
Attorney Docket Number	P-4901

## **OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	BL	E. AUTRET <i>et al.</i> , Therapie 1991, 46 : 5-8.	
	BM	BRESSOLLE <i>et al.</i> , "A Weibull Distribution Model for Intradermal Administration of Cefazidime", Journal of Pharmaceutical Sciences, Vol. 82, No. 11, November 1993, pps. 1175-1178.	
	BN	HENRY <i>et al.</i> , "Microfabricated Microneedles: A Novel Approach to Transdermal Drug Delivery", Journal of Pharmaceutical Sciences, Vol. 87, No. 8, August 1998, pps. 922-925.	
	BO	KAUSHIK <i>et al.</i> , "Transdermal Protein Delivery Using Microfabricated Microneedles", Oct/Nov 1999 (1 page).	
	BP	BURKOTH <i>et al.</i> , "Transdermal and Transmucosal Powered Drug Delivery", Critical Review™ in Therapeutic Drug Carrier Systems, 16 (4), (1999), pps. 331-384.	
	BQ	MCALLISTER <i>et al.</i> , "Three-Dimensional Hollow Microneedle and Microtube Arrays", Conference: Solid-State Sensors and Actuators Transducers-Conference, 1999; 10 <sup>th</sup> ; Vol. 12, pp 1098-1103.	
	BR	MCALLISTER <i>et al.</i> , "Solid and Hollow Microneedles for Transdermal Protein Delivery", Proceed. Int'l. Symp. Control. Rel. Bioact. Mater., 26 (Revised July 1999) Controlled Release Society, Inc. pp. 192-193	
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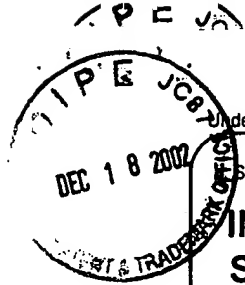
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\* The reference has been cited in PTO-892.



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			Application Number	09/606,909	
			Filing Date	June 29, 2000	
			First Named Inventor	Pettis, et al.	
			Group Art Unit	3748	
			Examiner Name	Binh Q. Tran	
Sheet	2	of	4	Attorney Docket Number	P-4901

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
BT	AF	AGRAWAL, et al., "Pharmacokinetics, Biodistribution, and Stability of Oligodeoxynucleotide Phosphorothioates in Mice", Proc. Natl. Acad. Sci. USA, Vol. 88, pp. 7595-7599, September 1991 Medical Sciences		
	AG	AUTRET, et al., "Comparison of Pharmacokinetics and tolerance of Calcitonine administered by Intradermal or Subcutaneous Route", Fundamental Clinical Pharmacology, Vol. 3, No. 2, pp 170-171, 1989		
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	AP	GOODARZI, et al., "Organ Distribution and Stability of Phosphorothioated Oligodeoxyribonucleotides in Mice", Biopharmaceutics & Drug Disposition, pp. 221-227, Vol. 13, No. 3, John Wiley & Sons, Ltd, April 1992		

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			Application Number	09/606,909	
			Filing Date	June 29, 2000	
			First Named Inventor	Pettis, et al.	
			Group Art Unit	3748	
			Examiner Name	Binh Q. Tran	
Sheet	3	of	4	Attorney Docket Number	P-4901

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BT	AQ	HAYNES, et al., "Ultra-long-duration Local Anesthesia Produced by Injection of Lecithin-coated Methoxyflurane Microdroplets", Anesthesiology, Vol. 63, No. 5, pp. 490-499, Nov. 1985	
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	AS	JARRATT, et al., "The Effects of Intradermal Steroids on the Pituitary-Adrenal Axis and the Skin", The Journal of Investigative Dermatology, Vol. 62, No. 4, pp. 463-466, 1974	
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	AU	LEROY, et al., "Pharmacokinetics of Ceftriaxime in Normal and Uremic Subjects", Antimicrobial Agents and Chemotherapy, Vol. 25, No. 5, pp. 638-642, May 1984	
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	AX	SUPERSAXO, et al., "Recombinant Human Interferon Alpha-2a: Delivery to Lymphoid Tissue by Selected Modes of Application", Pharmaceutical Research, Vol. 5, No. 8, pp. 472-476, August 1988	
	AY	SUTHEREST, "Treatment of Pruritus Vulvae by Multiple Intradermal Injections of Alcohol. A Double-Blind Study, Vol. 86, pp. 371-373, British Journal of Obstetrics and Gynecology, May 1979	
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✓	BA	WU, et al., "Pharmacokinetics of Methoxyflurane after its Intra-Dermal Injection as Lecithin-Coated Microdroplets", Vol. 9, pp. 1-12, Journal of Controlled Release, July 1989.	

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<b>Application Number</b>	09/606,909
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<b>Filing Date</b>	June 29, 2000
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<b>First Named Inventor</b>	Pettis, et al.
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Group Art Unit	3748
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Examiner Name	Binh Q. Tran
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Attorney Docket Number	P-4901
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